

Title (en)

METHOD FOR PREPARING CONJUGATED DIENE-BASED POLYMER BY CONTINUOUS POLYMERIZATION

Title (de)

VERFAHREN ZUR HERSTELLUNG VON POLYMEREN AUF DER BASIS VON KONJUGIERTEN DIENEN DURCH KONTINUIERLICHE POLYMERISATION

Title (fr)

PROCÉDÉ DE PRÉPARATION D'UN POLYMÈRE À BASE DE DIÈNE CONJUGUÉ PAR POLYMÉRISATION CONTINUE

Publication

EP 3699203 B1 20220727 (EN)

Application

EP 17931312 A 20171222

Priority

- KR 20170150511 A 20171113
- KR 2017015375 W 20171222

Abstract (en)

[origin: EP3699203A1] A method of preparing a conjugated diene-based polymer by continuous polymerization using two or more reactors is provided. The method of preparing a conjugated diene-based polymer is capable of providing a conjugated diene-based polymer having improved Mooney viscosity and excellent cis 1,4 bond content and linearity, by controlling the injection amount of a conjugated diene-based monomer to each reactor in a specific ratio and resolving the deterioration phenomenon of physical properties, which might be generated in continuous reaction.

IPC 8 full level

C08F 36/06 (2006.01); **C08F 136/06** (2006.01); **C08F 236/10** (2006.01)

CPC (source: EP KR US)

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DOCDB simple family (publication)

EP 3699203 A1 20200826; **EP 3699203 A4 20200916**; **EP 3699203 B1 20220727**; CN 111344315 A 20200626; CN 111344315 B 20230428; JP 2021502465 A 20210128; KR 102314628 B1 20211020; KR 20190054347 A 20190522; US 11312798 B2 20220426; US 2020399406 A1 20201224; WO 2019093579 A1 20190516

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EP 17931312 A 20171222; CN 201780096694 A 20171222; JP 2020526370 A 20171222; KR 20170150511 A 20171113; KR 2017015375 W 20171222; US 201716763149 A 20171222